



Diane Nichols Tradd
Assistant City Manager/DPD Director

MEMORANDUM

TO: Eileen M. Donoghue, City Manager *EMD*

FROM: Diane N. Tradd, Assistant City Manager/DPD Director

DATE: May 9, 2019

SUBJECT: MOTION OF 4/23/19 BY COUNCILOR MERCIER
REQUEST THE CITY MANAGER HAVE THE PROPER DEPARTMENT PUT A
CROSSWALK ACROSS CHELMSFORD STREET TO BUCK'S BAR AT 165
CHELMSFORD STREET

Craig Thomas
Deputy Director

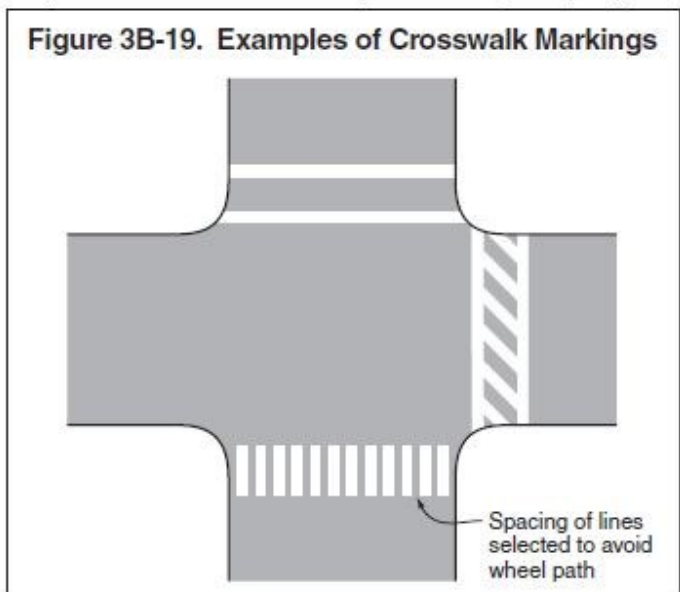
The Transportation Engineer performed a site visit to this location. Per City of Lowell Special speed regulation ordinance at this location, the speed limit on Chelmsford Street is 30 mph. ADT on this section of Chelmsford Street is 16,900 (2010).

The Manual on Uniform Traffic Control Devices, which is the controlling document for all signs and pavement markings used to regulate, warn or guide traffic on any road open to public travel, has the following guidance regarding a mid-block crosswalk.

08 *Crosswalk lines should not be used indiscriminately. An engineering study should be performed before a marked crosswalk is installed at a location away from a traffic control signal or an approach controlled by a STOP or YIELD sign. The engineering study should consider the number of lanes, the presence of a median, the distance from adjacent signalized intersections, the pedestrian volumes and delays, the average daily traffic (ADT), the posted or statutory speed limit or 85th-percentile speed, the geometry of the location, the possible consolidation of multiple crossing points, the availability of street lighting, and other appropriate factors.*

09 *New marked crosswalks alone, without other measures designed to reduce traffic speeds, shorten crossing distances, enhance driver awareness of the crossing, and/or provide active warning of pedestrian presence, should not be installed across uncontrolled roadways where the speed limit exceeds 40 mph and either:*

- A. *The roadway has four or more lanes of travel without a raised median or pedestrian refuge island and an ADT of 12,000 vehicles per day or greater; or*
- B. *The roadway has four or more lanes of travel with a raised median or pedestrian refuge island and an ADT of 15,000 vehicles per day or greater.*



The Transportation Engineer does not recommend installing a mid-block crosswalk at this location, without performing a speed and traffic study to determine if this would be a safe location to cross Chelmsford Street.

NV/ns

cc: Natasha Vance, Transportation Engineer